

SYSTEMS, METHODS, AND VALVES FOR PROVIDING PRESSURIZED WATER TO A PLURALITY OF WATER JETS IN A BATHING ENCLOSURE

ABSTRACT OF THE DISCLOSURE

Systems, methods, and valve assemblies for providing pressurized water to a plurality of water inlets in a bathing enclosure are disclosed. Aspects of the systems, methods, and valve assemblies disclosed overcome limitations of the prior art by allowing a bather to vary the flow of pressurized water out of one or more water jets without varying the flow of water from the pump supplying the water. The systems and methods include valve assemblies that allow the bather to divert the flow of pressurized water away from the water jets. The diverted flow may be introduced to the bathing enclosure wherever convenient, for example, to a foot well. A bather may divert the flow by manually actuating a pressure relief valve having a spring-actuated orifice. The inventions are applicable for any type of bathing enclosure including a pool, a tub, a spa, a shower, or a bath.